

ECS Configuration Change Request

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|---|----------------------------------|---|-----------------------|---|----------------------|-----------------|
| 1. Originator Tom Jaeger | 2. Log Date: 15 FEB 00 | 3. CCR #: 00.0152 | 4. Rev: - | 5. Tel: 301-925-0715 | 6. Rm #: 1029J | 7. Dept. M&O |
| 8. CCR Title: Mod to Host Naming Convention | | | | | | |
| 9. Originator Signature/Date <i>Thomas Jaeger</i> 2/9/00 | | 10. Class II | 11. Type: CCR | 12. Need Date: 2/9/00 17 y | | |
| 13. Office Manager Signature/Date <i>William J. ...</i> 2/11/00 | | 14. Category of Change: Update ECS Baseline Doc. | | 15. Priority: (If "Emergency" fill in Block 28). Routine | | |
| 16. Documentation/Drawings Impacted: 905-TDA-002-Rev-00 | | 17. Schedule Impact: N/A | | 18. CI(s) Affected: None | | |
| 19. Release Affected by this Change: N/A | | 20. Date due to Customer: NA | | 21. Estimated Cost: None - Under 100K | | |
| 22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: F&PRS requirement to satisfy ECS function availability and mean down time requirements. | | | | | | |
| 23. Problem: (use additional Sheets if necessary) Previously baselined document does not identify a convention for naming HW peripherals. In order for the RMA model to compute metrics (i.e. availability and mean down time) for site functions, HW peripherals must have a host name assigned to uniquely identify them to their function. Named peripherals could then be associated with their function and used in the calculation of downtime and availability. The proposed change adds designators for peripherals. | | | | | | |
| 24. Proposed Solution: (use additional sheets if necessary) Approve modification of the host naming convention to assign host names to peripheral HW. These names will be entered into ILM and the RMA model for use in calculating function availability and downtime. | | | | | | |
| 25. Alternate Solution: (use additional sheets if necessary) None viable. To exclude failures of peripherals in RMA metrics would overstate function availability and understate downtime. To charge the host server with downtime for a peripheral failure would do the opposite. To compute RMA metrics manually would be manpower intensive and prone to error. | | | | | | |
| 26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Without use of a naming convention for peripherals, the RMA model cannot distinguish whether a single or multiple functions are down as a result of a peripheral HW failure. As a result, RMA metrics will either understate or overstate performance. | | | | | | |
| 27. Justification for Emergency (If Block 15 is "Emergency"): | | | | | | |
| 28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other | | | | | | |
| 29. Board Comments: | | | 30. Work Assigned To: | | 31. CCR Closed Date: | |
| 32. EDF/SCDV CCB Chair (Sign/Date): <i>Ma M. ...</i> 2/16/00 | | Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB | | | | |
| 33. M&O CCB Chair (Sign/Date): | | Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ECS | | | | |
| 34. ECS CCB Chair (Sign/Date): | | Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB | | | | |

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